

## ABSTRACT

The present invention relates to a method and equipment for controlling the temperature of the brain or brain hemisphere. More specifically the present invention refers to a method and equipment for quick and efficient control of the temperature of the brain and for maintaining a low temperature in the brain. The inventive concept can be divided into three phases. Firstly, an emergency whole body temperature control phase providing a quick temperature control at for example a scene of accident. Secondly, a brain-selective temperature control phase providing a more efficient temperature control at for example an emergency room and thirdly, a maintained temperature control phase providing an even more efficient temperature control for a selected period of time.

(Fig. 1a)